X1

Trip Report pertaining to PAR 222, dated 14 September 1964 is in the [redacted] General File.

Declass Review by NGA.

 20 July 1967

D R A F T

MEMORANDUM FOR THE RECORD

X1 SUBJECT: [redacted] PAR 203, 209, and 222

X1 On 11 June, I visited [redacted] for the purpose of monitoring PAR's 203,209 and 222 under Contract [redacted] 25X

PAR 203 - Rapid Access Printer

X1 [redacted] will soon start Phase I, which will be a study of commercially available continuous-tone diazo and plastic resin reproduction systems which produce a positive, Specific materials that are known and will be included are [redacted] 25X

X1 Film, [redacted] Unit Gamma Film, and [redacted] K-Tone Film. I informed [redacted] that the 25X 25X

X1 [redacted] now has a new continuous-tone high resolution diazo reproduction system capable of 200 l/mm. This material will be added to the list for investigation.

PAR 209 - Variable Contrast Phosphor Viewer

This device was delivered to P&DS several months ago for evaluation, and was demonstrated to a number of analysts in PID. These analysts found that there was virtually no enhancement observed with the device in its present configuration.

X1 [redacted] and I briefly discussed the possibility of investigating other phosphors for this device. The ultra violet output can probably be increased and the backlighting changed to as to allow full extinction. It was emphasized that a format size that would permit use of a microscope would be adequate.

If the decision is made to pursue this means of enhancement, I recommend

X1 that a new PAR be submitted by [redacted]

PAR 222 - Stereo Image Registration

The mechanical-optical breadboard is being assembled and [redacted] plans to 25X have this complete by July 15. A preliminary signal study has been completed in which an optical in-line breadboard was used for evaluation. Spot size was studied by scanning across a grid pattern and the minimum spot used was close to 0.002 inch projected on the film. It was attained with only a very low intensity beam.

On the breadboard, a single CRT will generate the scan trace so as to eliminate the problem of balancing two traces. Film will be held between glass plates, one which is fixed and the other mounted in a "Leitz" mechanical stage, which has 2 x 2 inch coordinates and 360 degree rotation. Micrometers adjust the x and y axis to 0.0001 inch and rotation can be read to one minute.

[redacted] 25X

23 June 1964

MEMORANDUM FOR THE RECORD

See the Trip Report covering the period 8 - 11 June 1964 for comments concerning this project.

[redacted]
Admin. Monitor, Contract [redacted]
Development Branch, P&DS

25X1
25X1

Approved For Release 2004/11/30 : CIA-RDP78B04770A000800110006-7

Central file

X1 [redacted]

S E C R E T

R

X1 [redacted]

X1 AT: [redacted]

X1 THE FOLLOWING [redacted] PERSONNEL WILL BE AT [redacted] ON THE DATES INDICATED TO 25X

X1 DISCUSS THE [redacted] CONTRACT PARA LISTED AFTER THEIR NAME:

NAME	PARA	DATES
X1 [redacted]	202, 206, 207, 213, 214, 215, 224	8, 9 JUN
	212, 215, 217	10, 11 JUN
	222	11 JUN
	225, 226	11 JUN
	211	11 JUN
	ADMINISTRATIVE MATTERS	9, 10, 11 JUN

END OF MESSAGE

AUTHENTICATING OFFICER

5X1 [redacted]